

Fig 1





3  
4  
5

MediaClass
Media Class Type 2
Alias Table
Protocol List
Compare(); copy(); create media

Media
media class
media cache
media type

Media
media class
media cache
media type

Media
media class
media cache
media type

Media
media class
media cache
media type

Figure 4



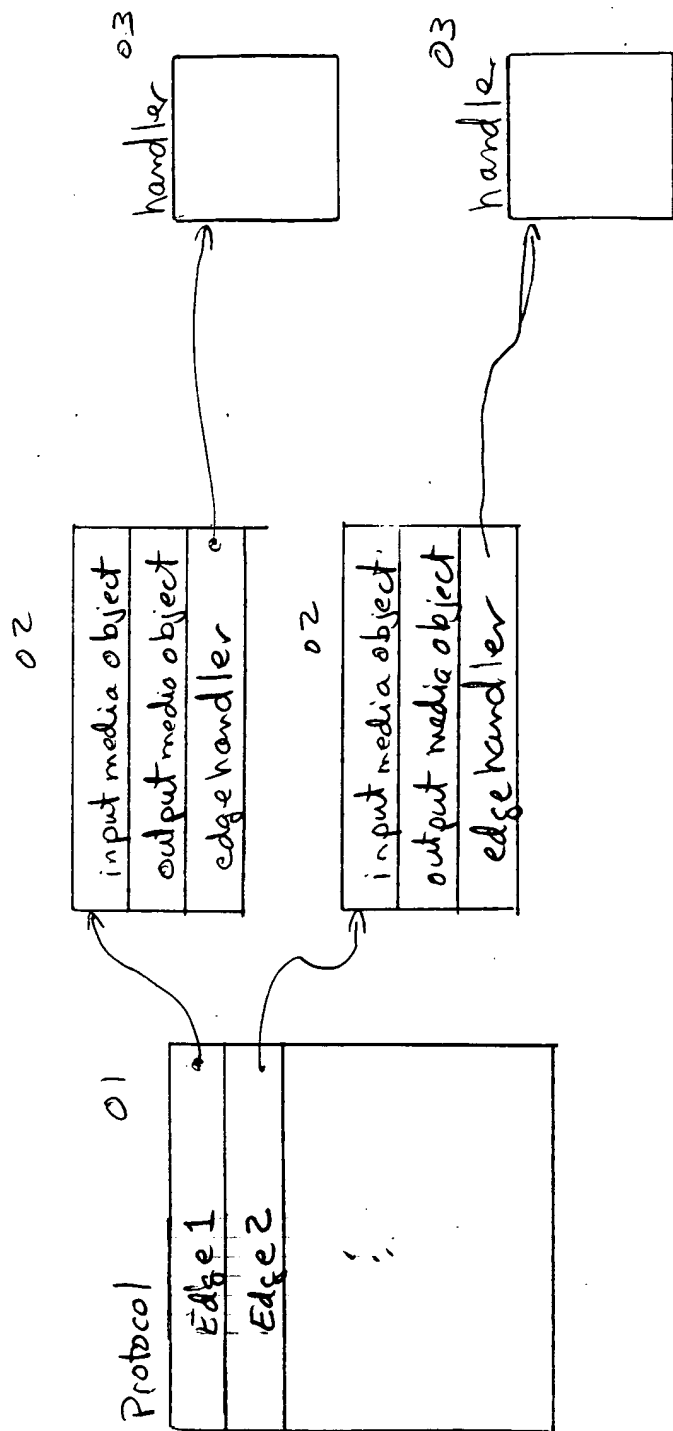
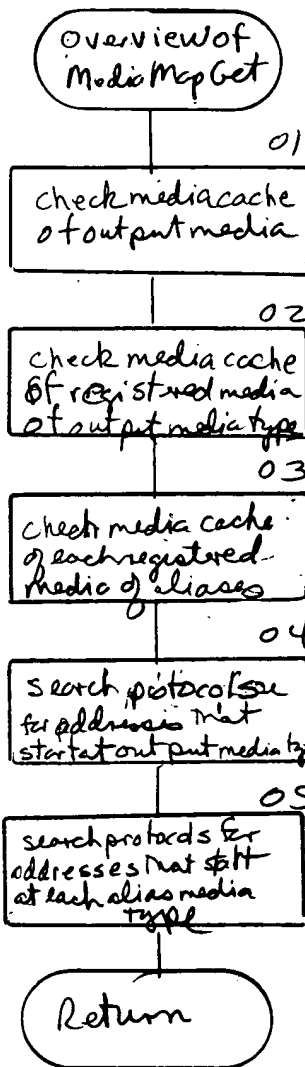


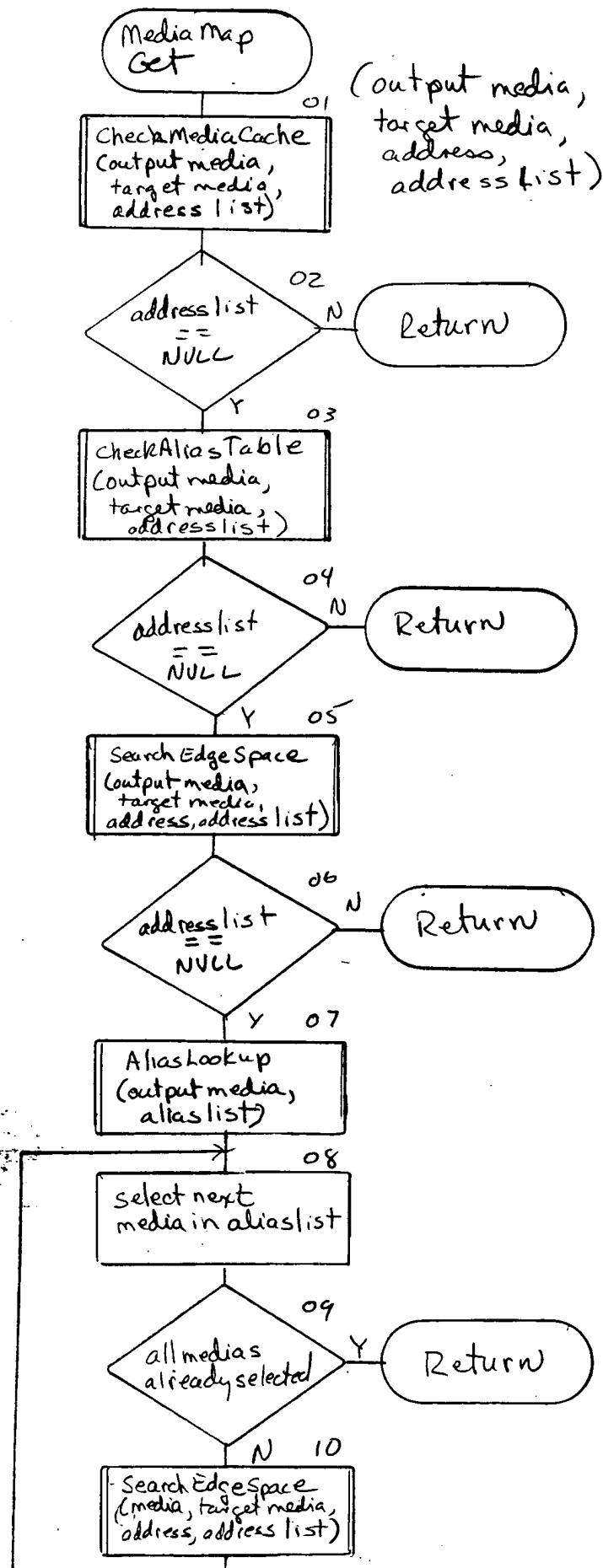
Figure 6



(output media,  
target media,  
address list)

Figure 7

Figure 8





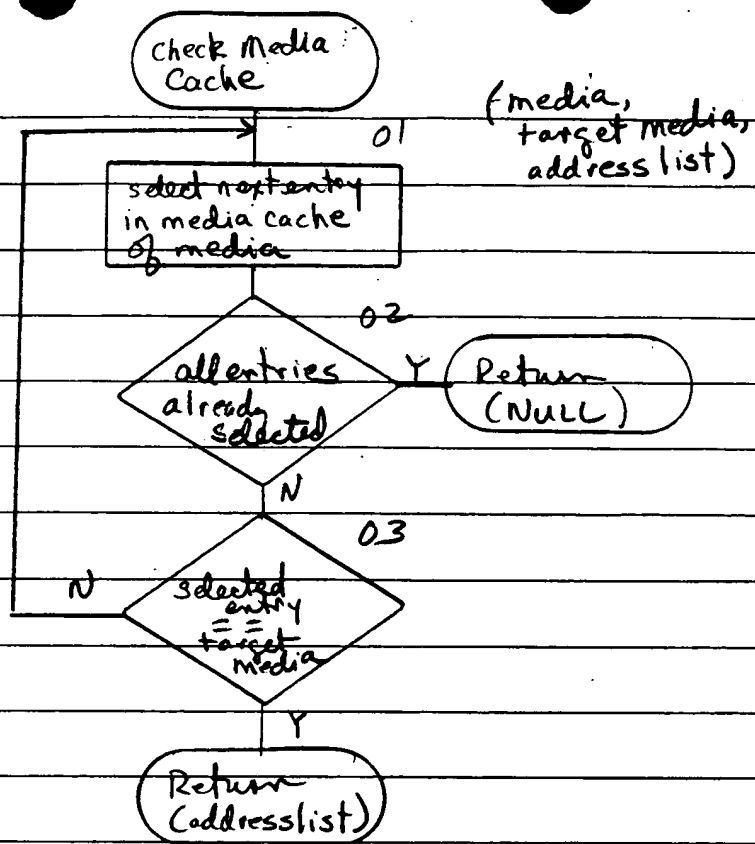
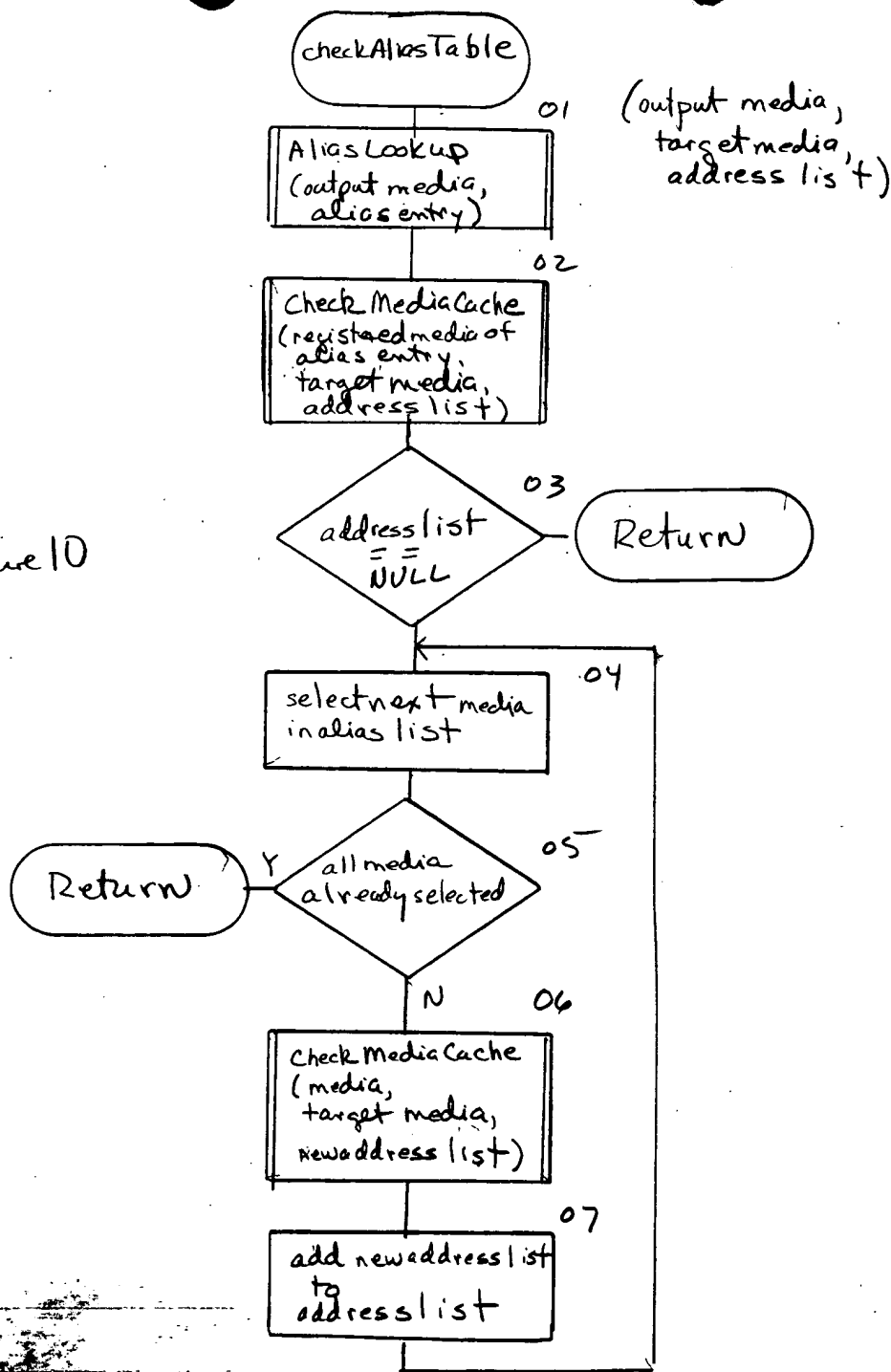


Figure 9

Figure 10



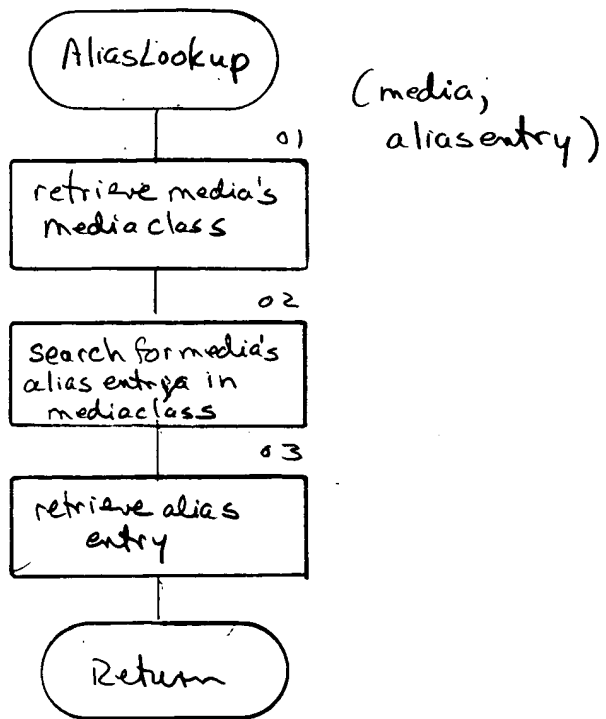


Figure 11

Figure 12

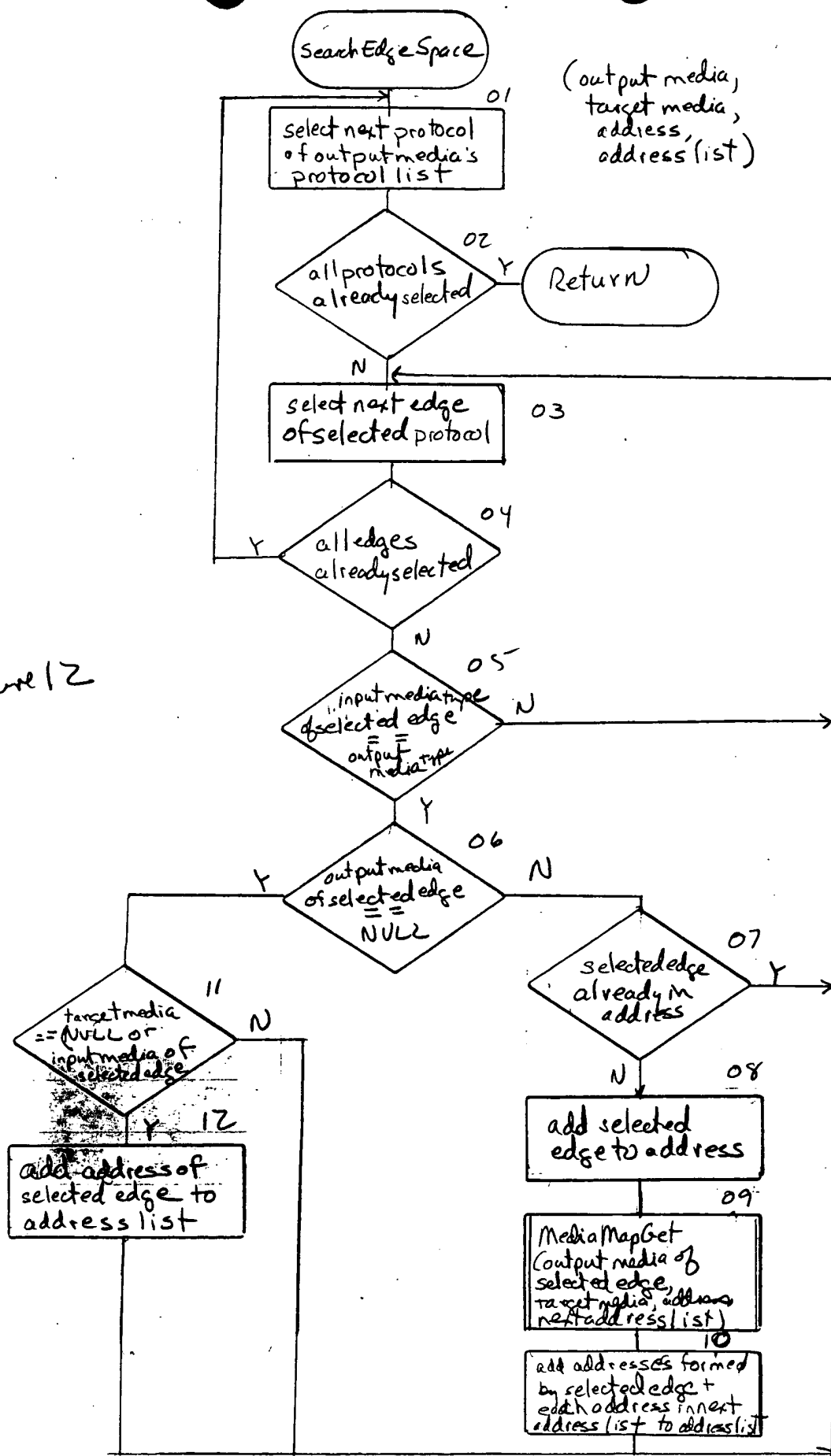
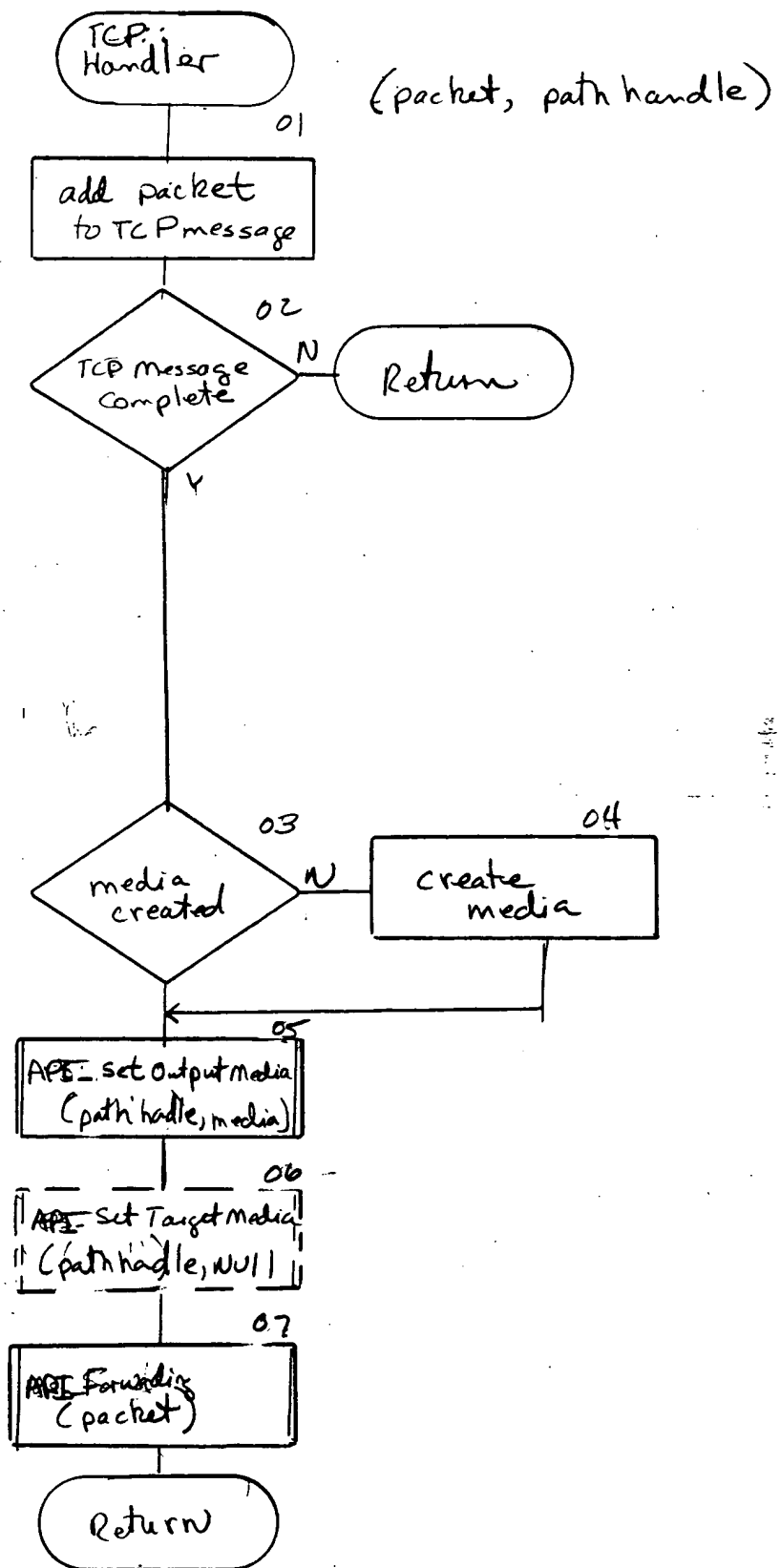


Figure 13



API-  
forwarding

(packet, path handle)

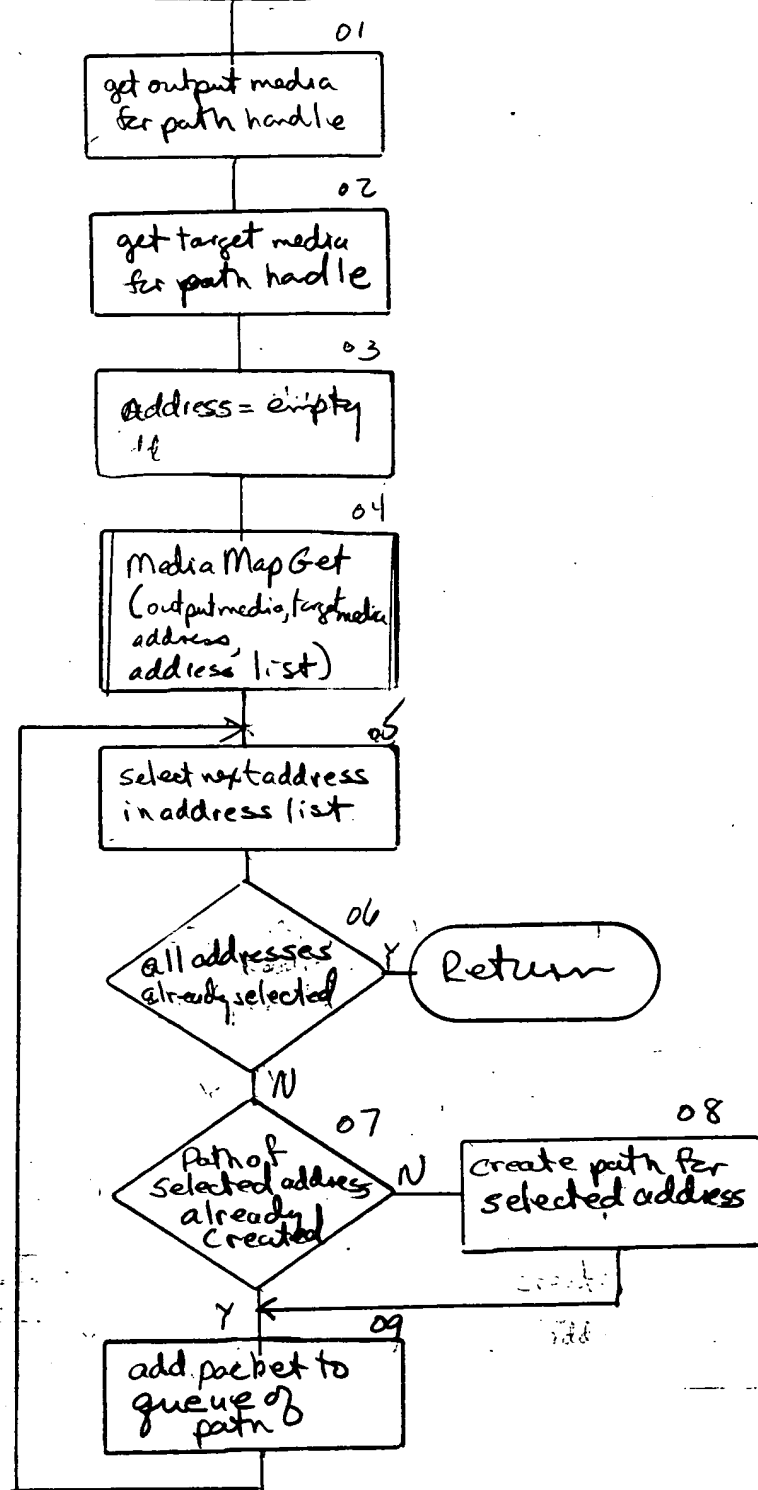


Figure 14

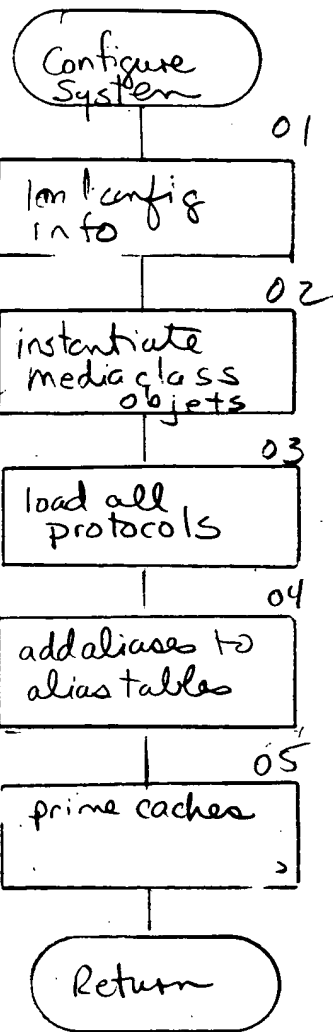


Fig 15

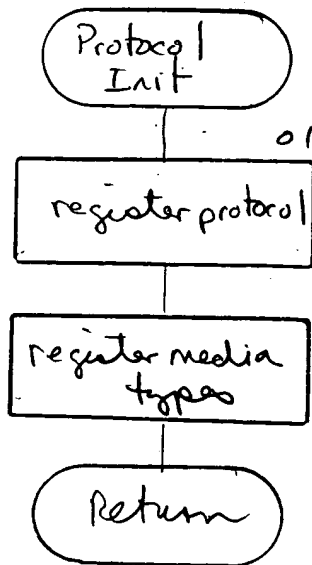


Figure 16



# Media Class 1

alias table

D1	
P2	D20
D5	D10
D9	
D10	
D12	D15
D13	D15
D15	
D19	
D20	

Protocol list

P1
P2
P3
P4
P8

D1 Media Cache

D11	P1:1, P2:1, P3:2, P4:1
D15	P1:1, P5:2, P6:1, P7:1, P8:1

# Media Class 2

alias table

P3	D4
D4	
D6	D7
D7	D11
D8	
P11	D7
D14	
D15	
D16	
D17	D19
D18	

Protocol List

P5
P6
P7
P9

Figure 17

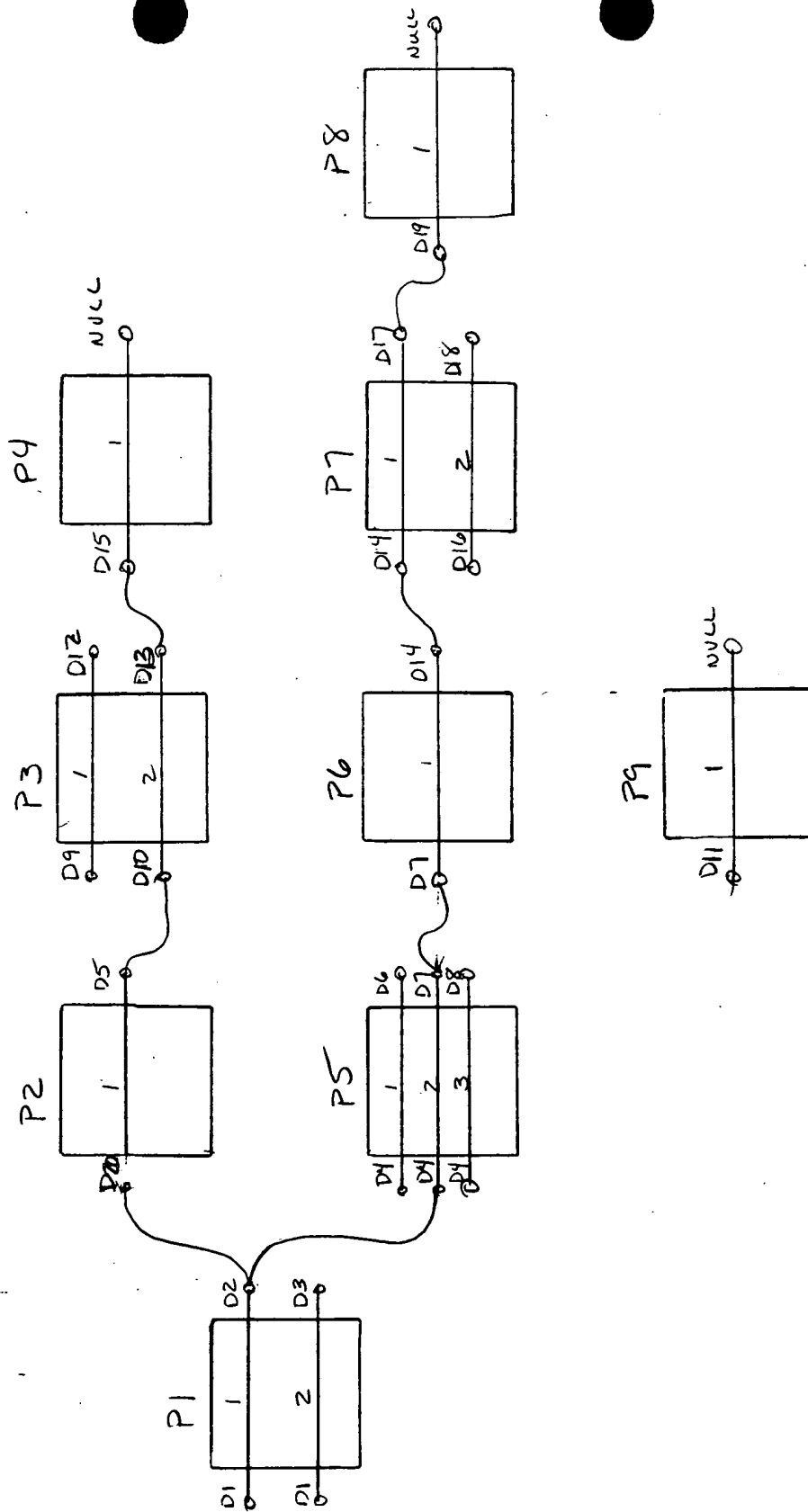


Figure 18

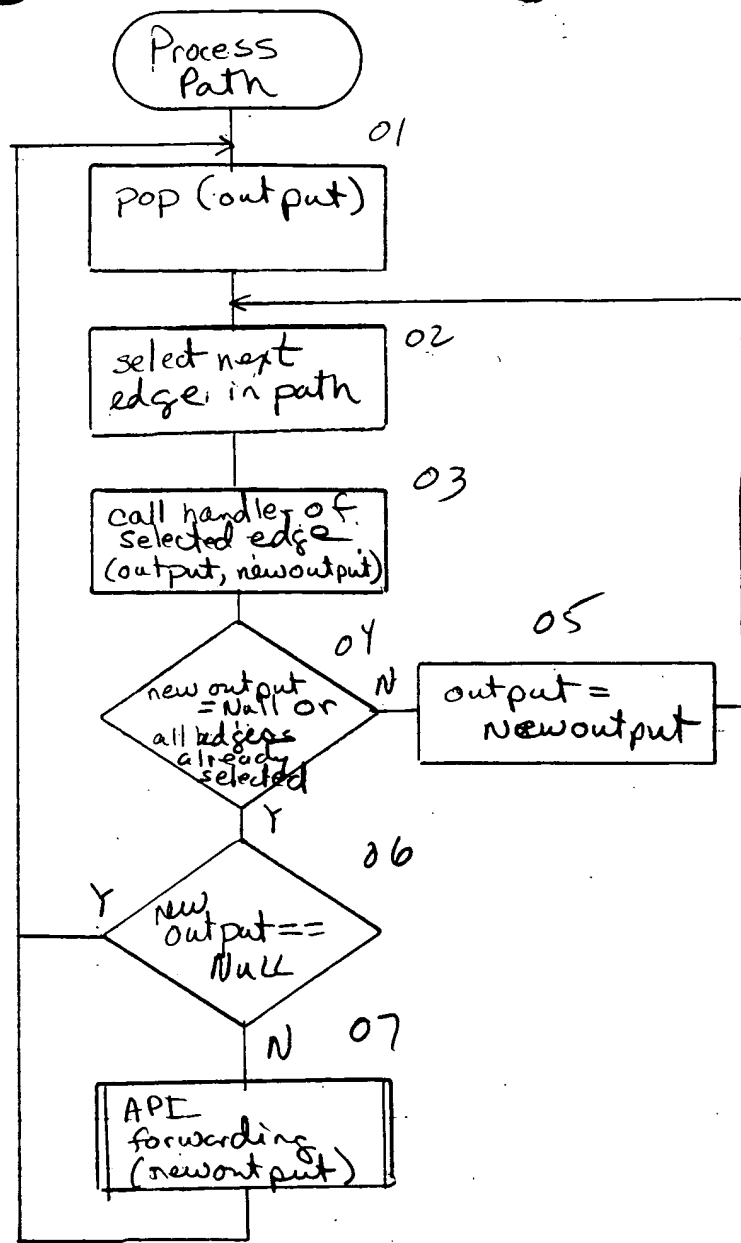


Fig 19

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Media to Redirect 01

GIF Image
JPEG Image
AVI Movies
Mic

Map to Target 02

Machine 10
Machine 10: Speakers
Machine 11

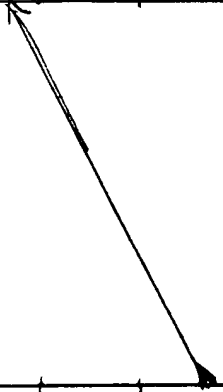


Fig 20

media Class

01

"ProxiWorld"				
Alias Table				
Protocol List = NULL				

Registered Media

02

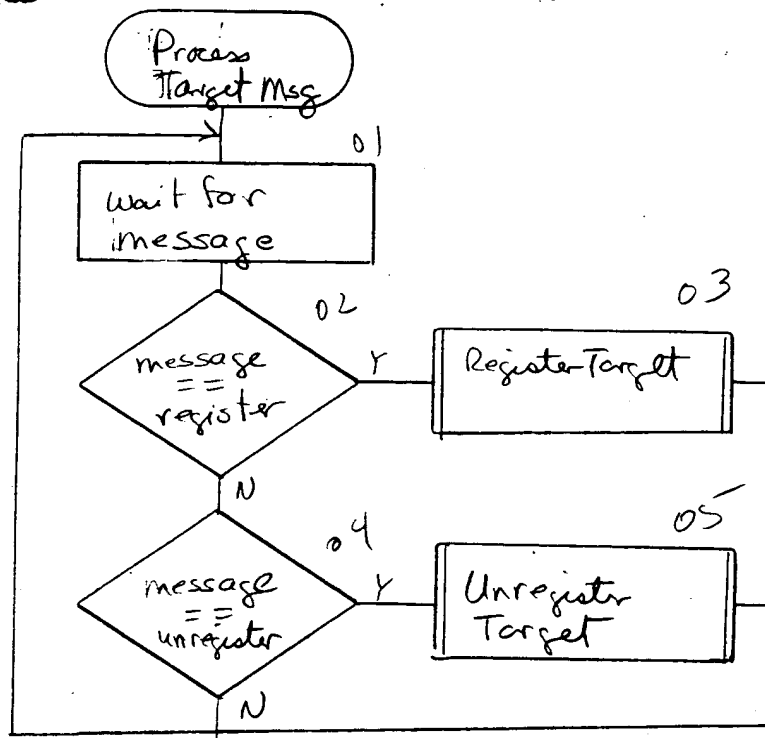
"Machine 10"				
"UDP/IP/ETH(A,D)"				
"Machine 10: Speakers"				
"UDP/IP/ETH(AD)/IP/UDP/Speaker"				
"Machine 11"				
"UDP/IP/ETH(A,E)"				

Registered Media

03

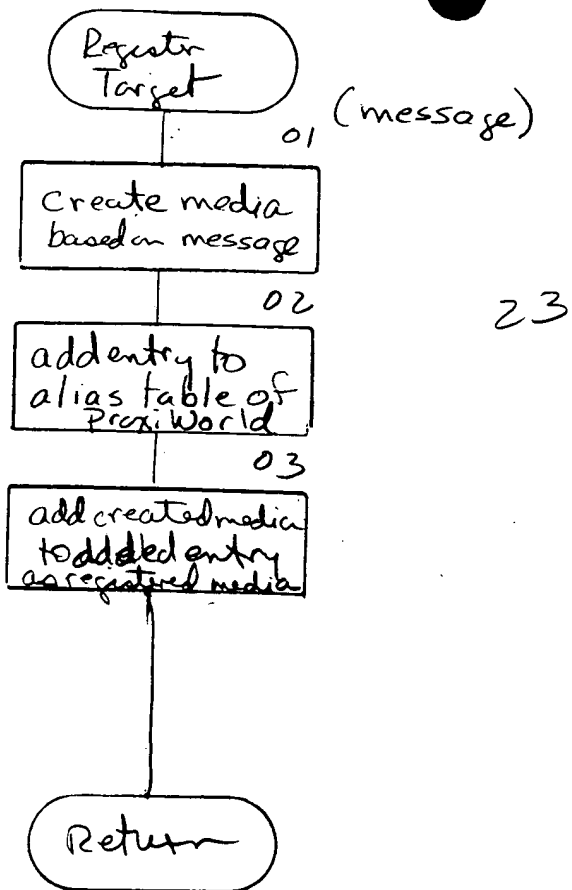
"Mime"			
"Mic"			
Machine 10: Speakers	UDP/IP/ETH(AD)	IP/UDP/Speaker	
Cache			
;			

21



22

01. Process Target Msg  
 02. wait for message  
 03. Register Target  
 04. Unregister Target  
 05. (loop back to 02)



Unregister  
Target

(message)

01

Remove entry  
from alias table  
of Proxi World

24

Return